

A Day in Space

with Alicia and Tomás!



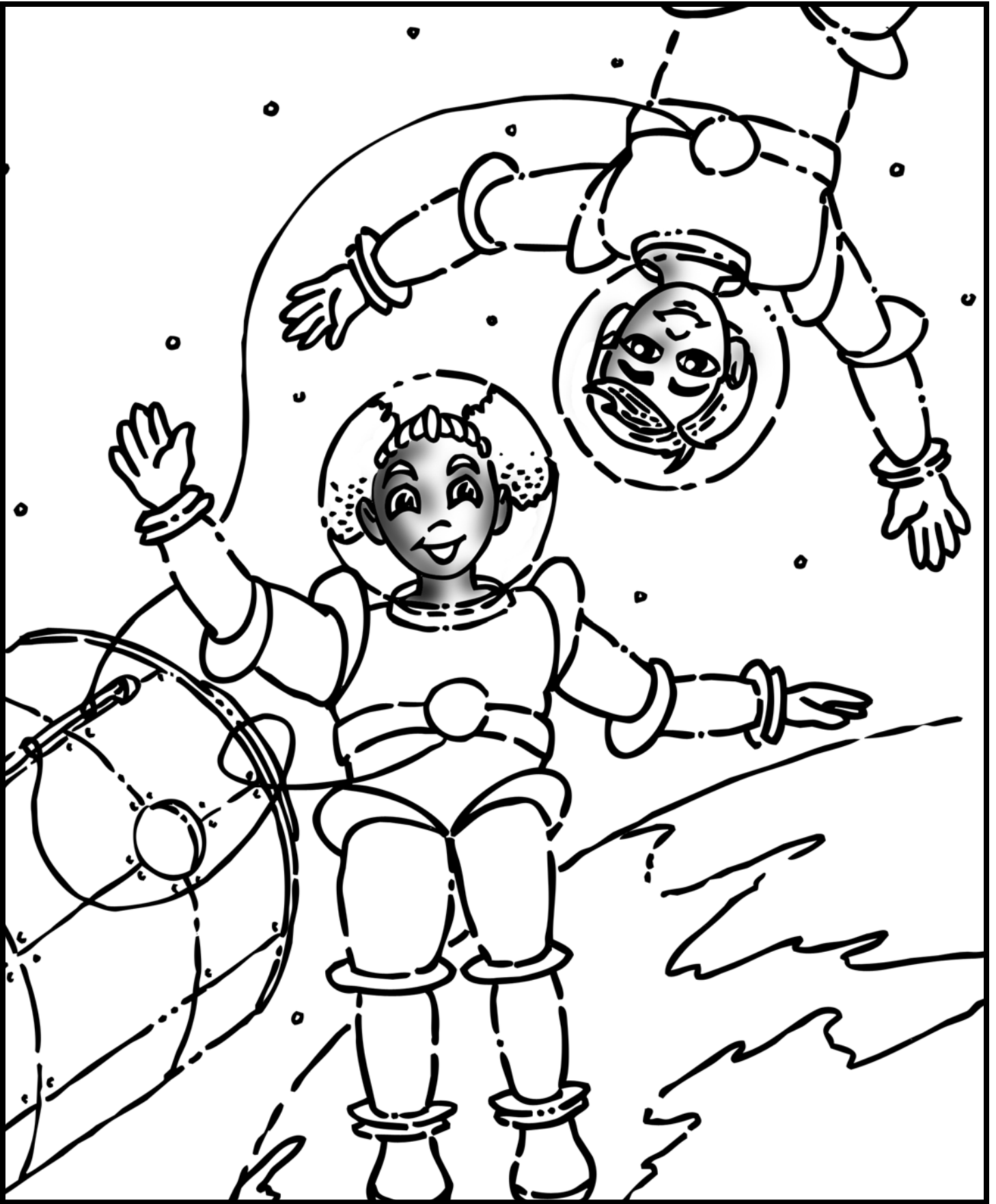
Activity Book

This coloring and activity book is for students in grades K–2.
It meets the National Science Education Standards by the National Research Council. The standards it meets are:

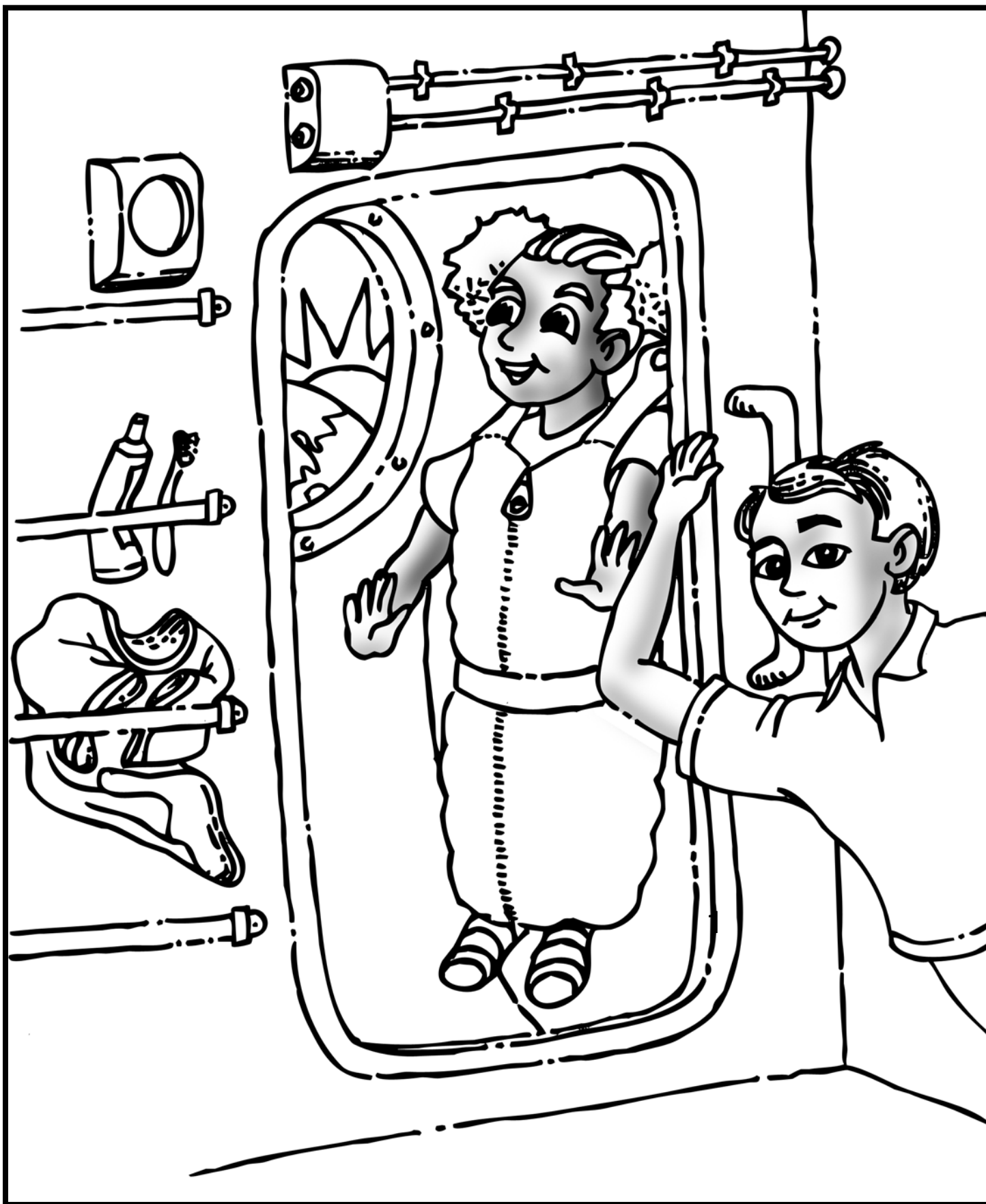
- Personal health and
- Understanding about science and technology.

Standards for Technological Literacy: Content for the Study of
Technology by International Technology Education Association Technology and Society
The Influence of Technology on History

- Ways people have lived and worked



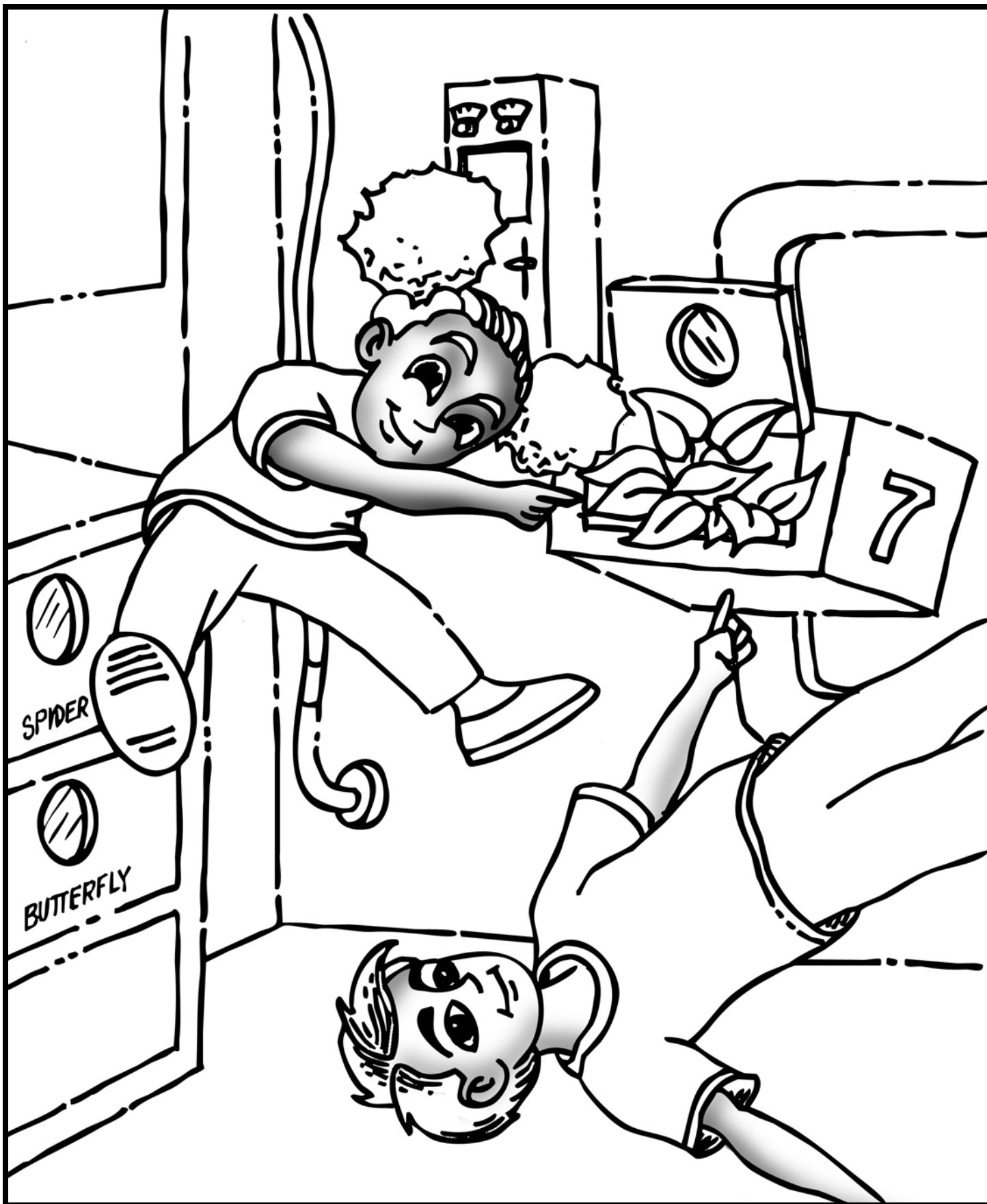
Hello from space! Hi, We're Alicia and Tomás! Come join us for a day in space! The International Space Station is a very exciting place to live and work.



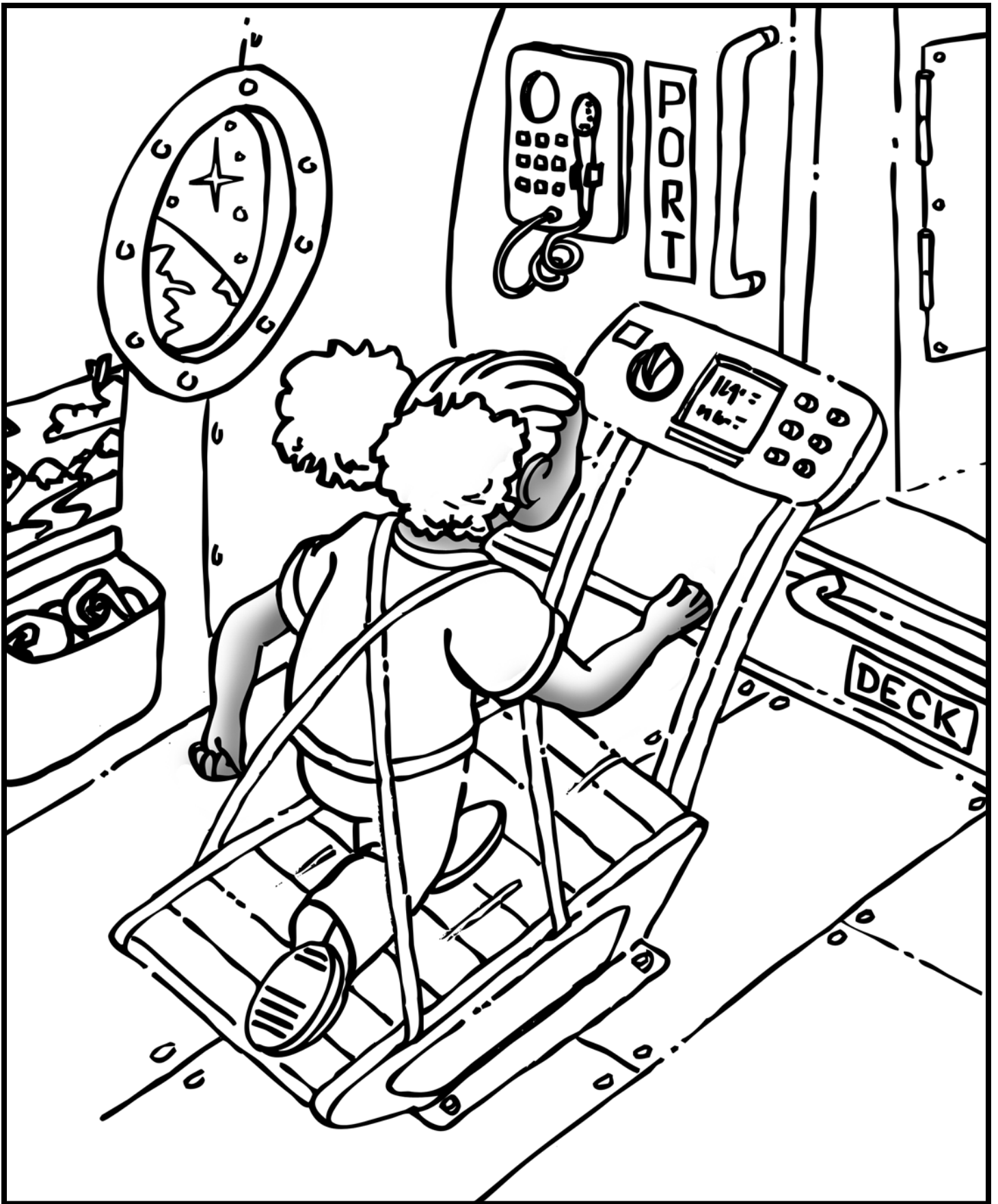
We use sleeping bags, not beds. There is no up or down in space, so sleeping on the wall is fun. My bag is tied so I do not float away while I sleep.



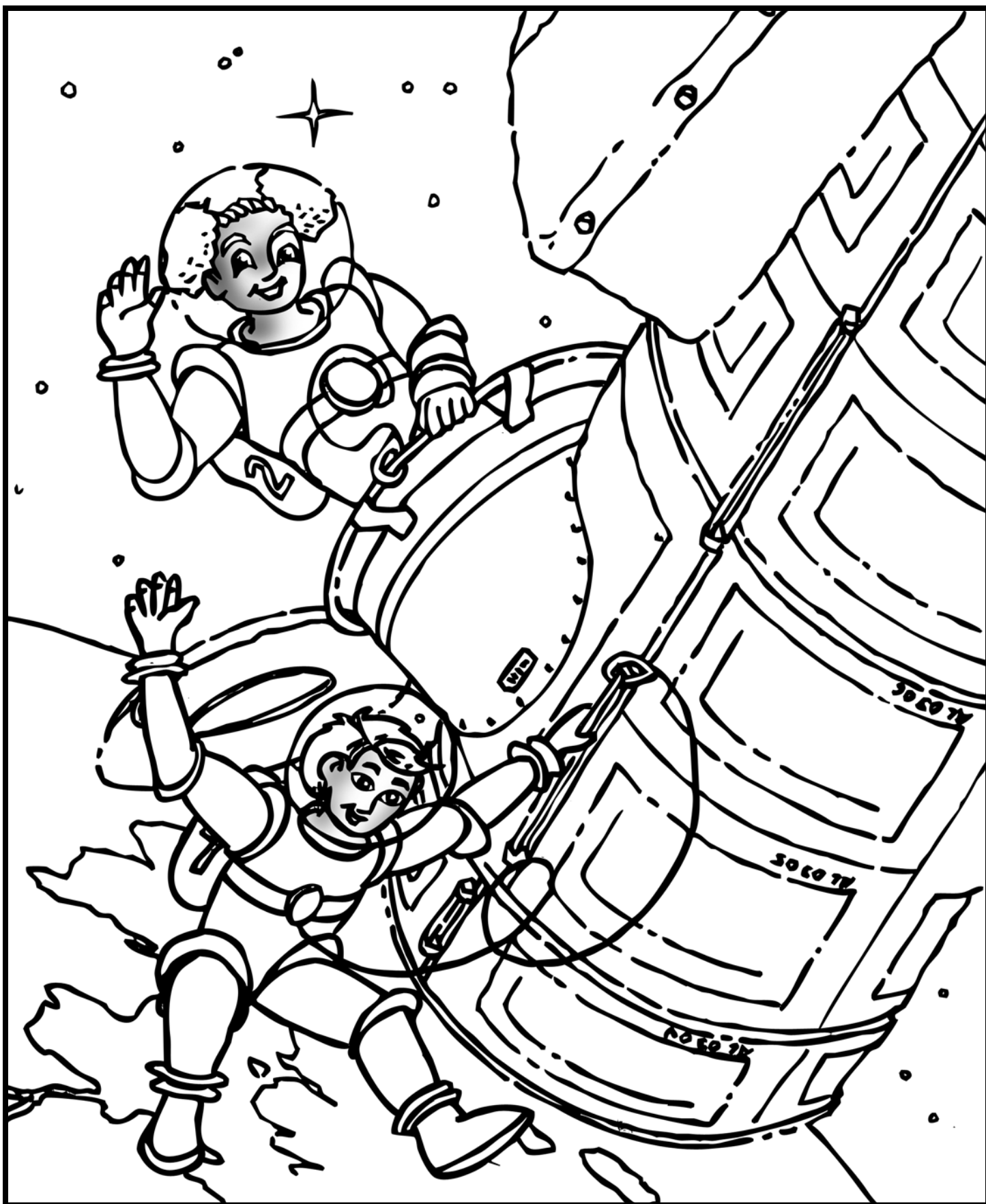
Drinks come in bags with straws to stop spills. I add water to my cereal. It has powdered milk in it already. Yum!



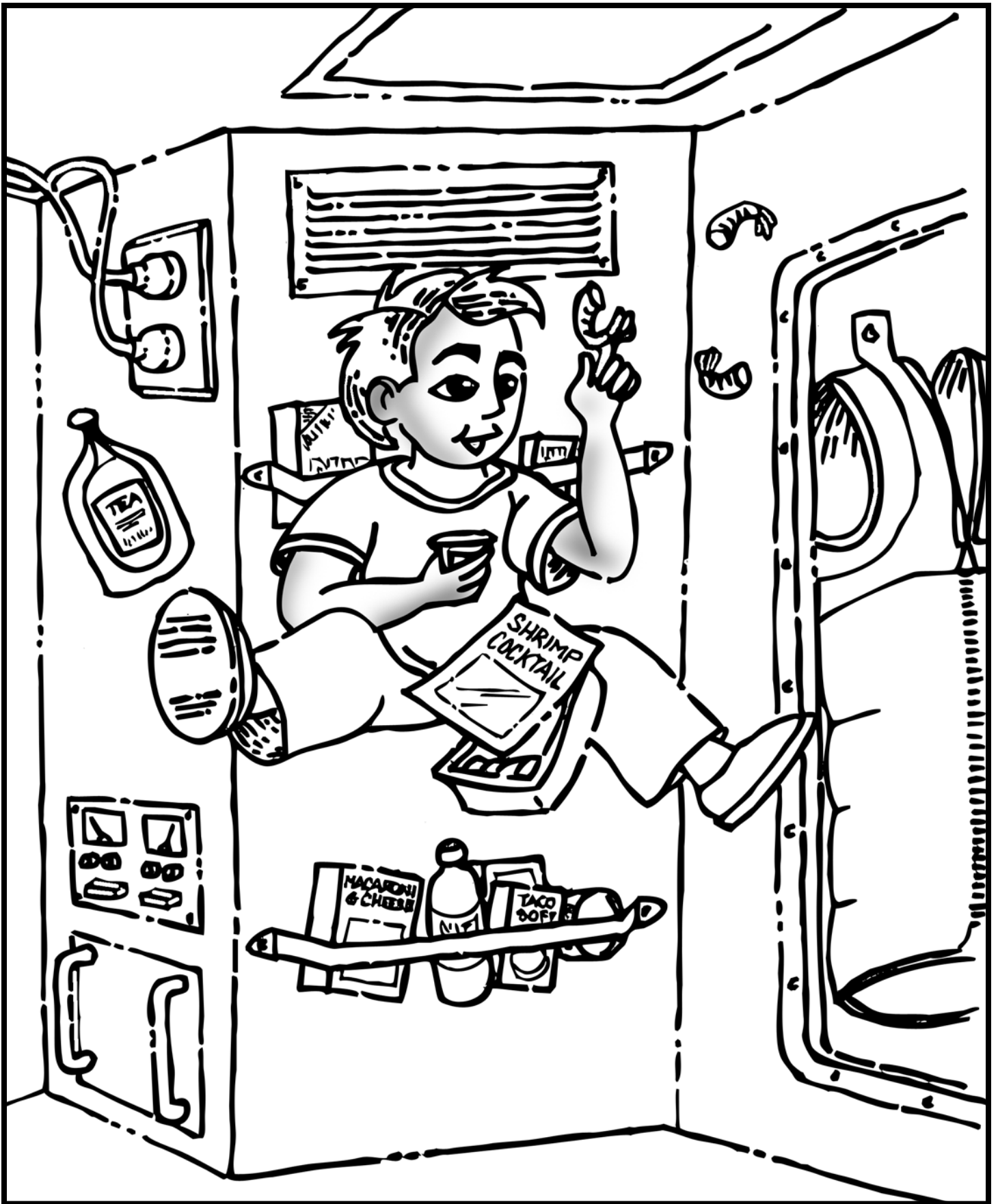
Today, we work as scientists. The soy bean plants are growing well in space. There are experiments on spiders and butterflies too!



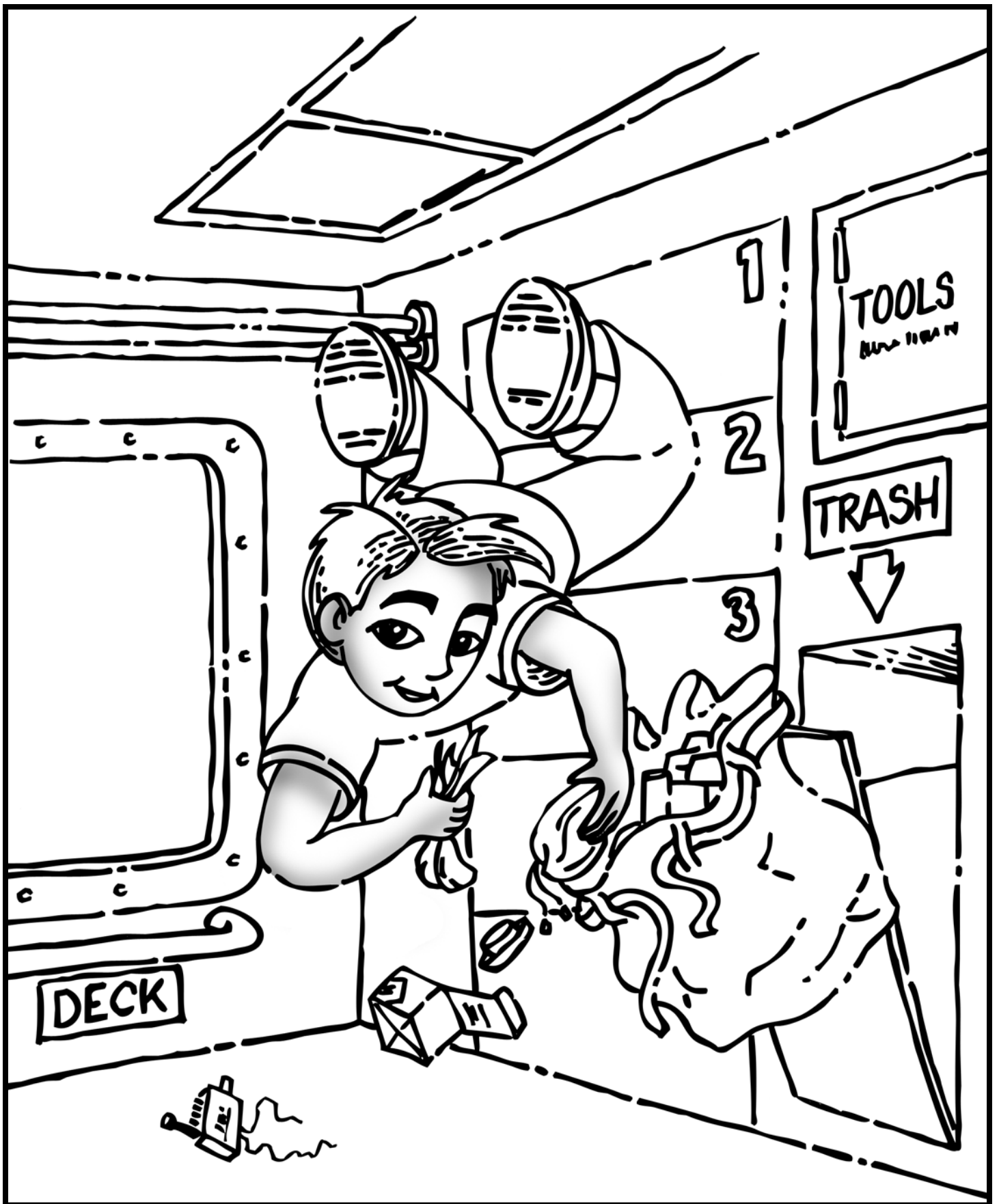
Watch me run on the treadmill. The straps keep me from floating away.
Exercising is important on Earth and in space. It keeps me strong
and healthy.



We wear spacesuits when we go outside the Station. The spacesuits keeps us safe. It's time to get to work!



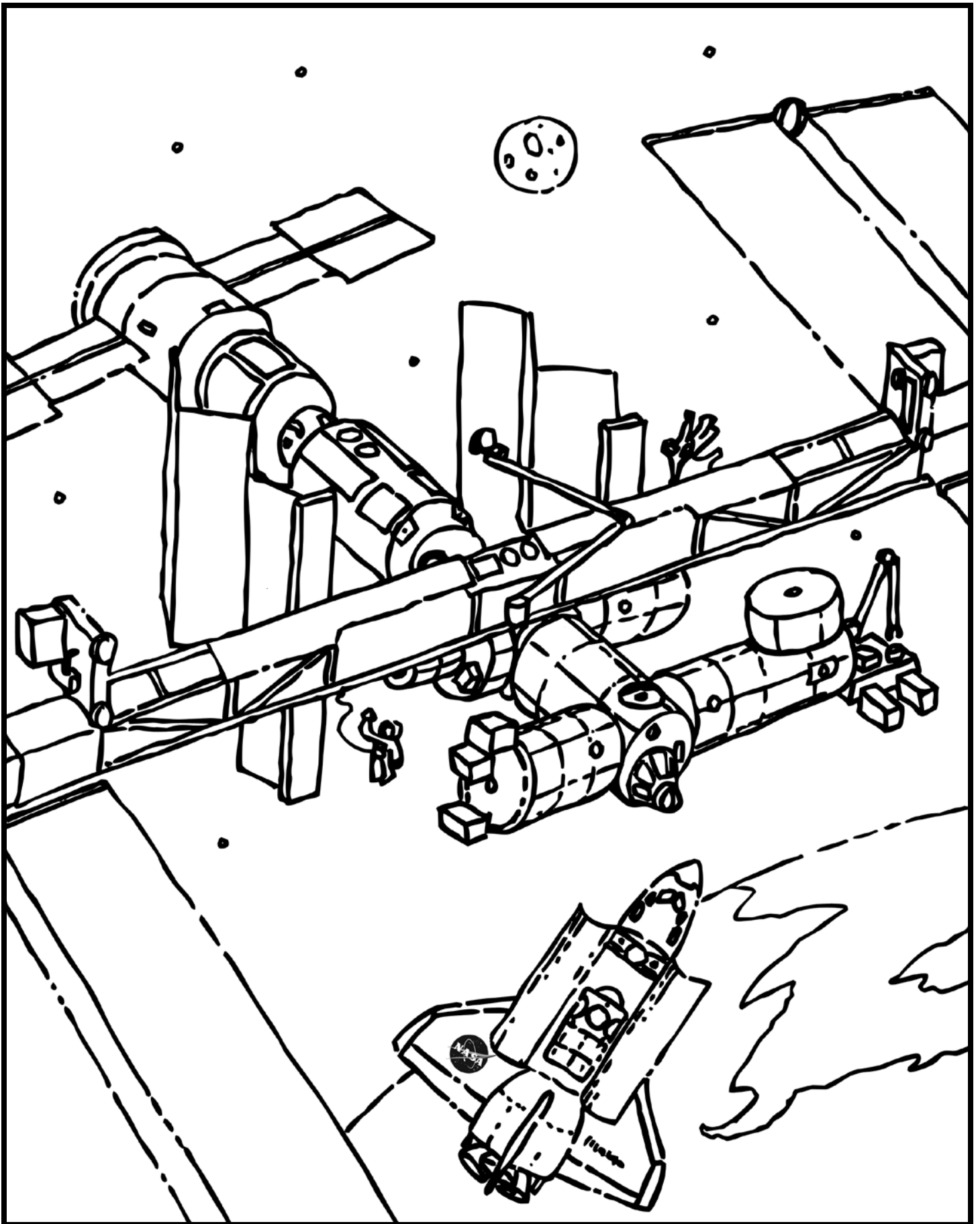
After the spacewalk, it's time for dinner. It is important to eat a healthy meal to stay strong.



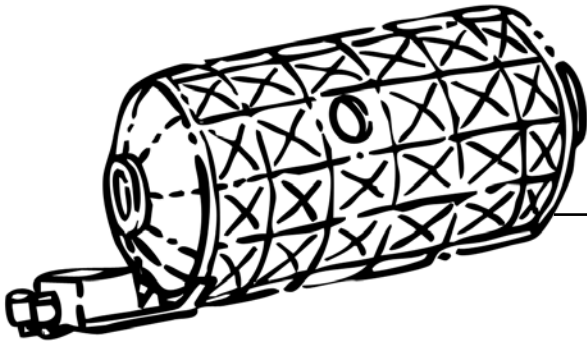
Just like at home, we have to be tidy in space. We clean up so the mess does not float everywhere.



We are tired. It has been a busy day. Time to wash up and get some sleep! Thanks for stopping by! Goodnight!

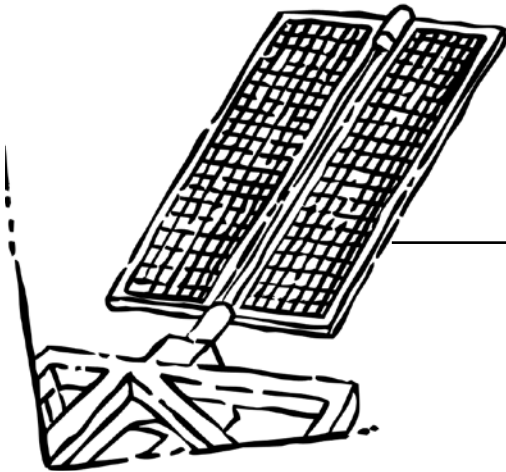
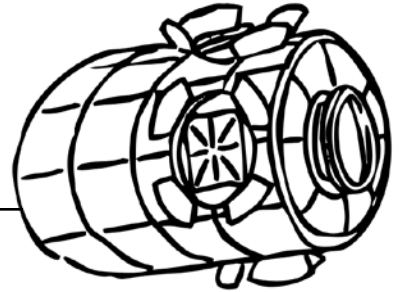


Parts of the Space Station



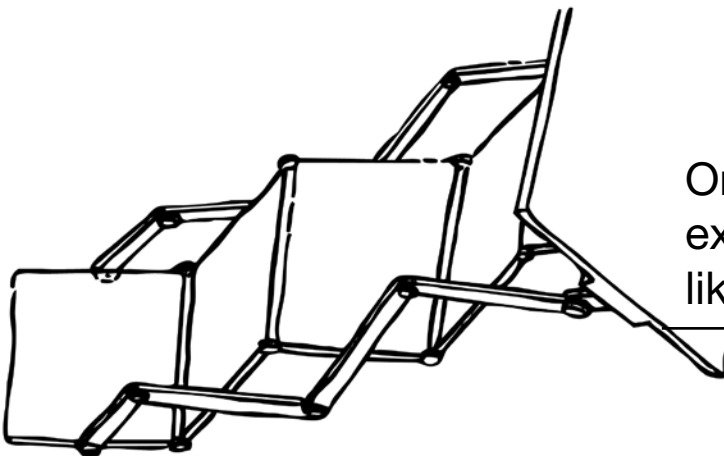
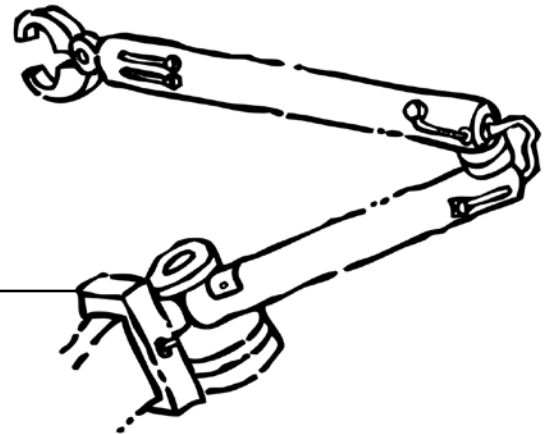
The rooms or modules are where astronauts work and live. They look like cans.

Nodes connect one module to another. They are like hallways.



Solar arrays make power from sunshine.

Astronauts use robotic arms to build the Station. A robotic arm is like a crane.

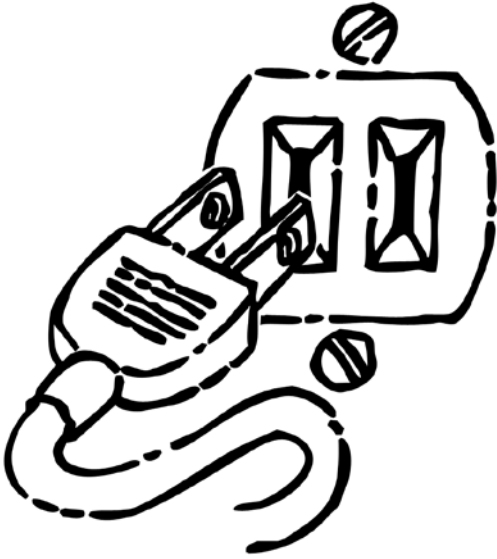


On the Station, radiators send extra heat into space. They act like a fan to keep the Station cool.

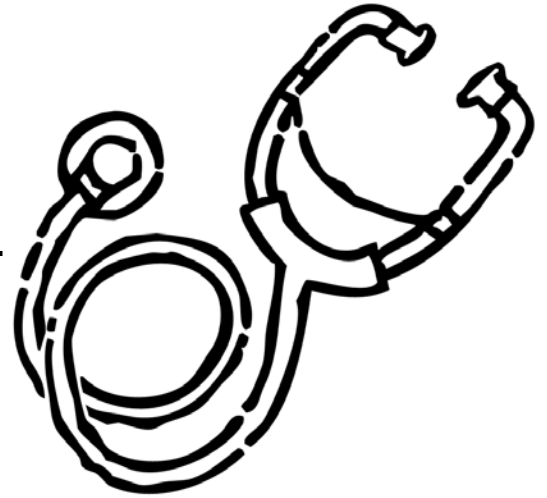
Careers in Space

Do you want to be an astronaut? Many jobs or careers let you work in space. Here are a few examples:

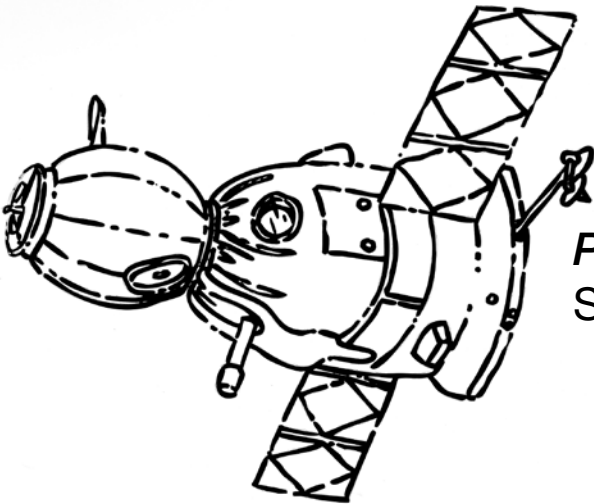
Scientists study plants and animals and how things work.



Engineers build the Space Station and keep it working.

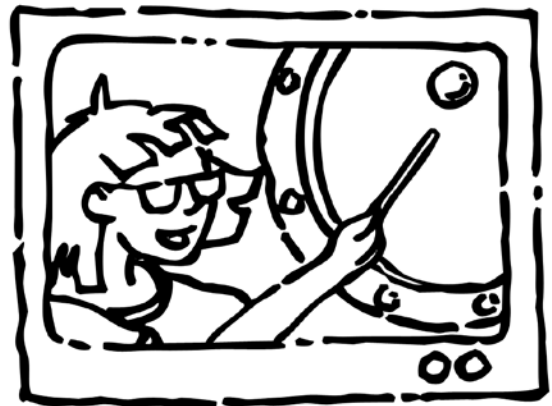


Doctors make sure astronauts stay healthy.



Pilots fly spacecraft to and from the Space Station.

Teachers show students what they learn in space about science and math.

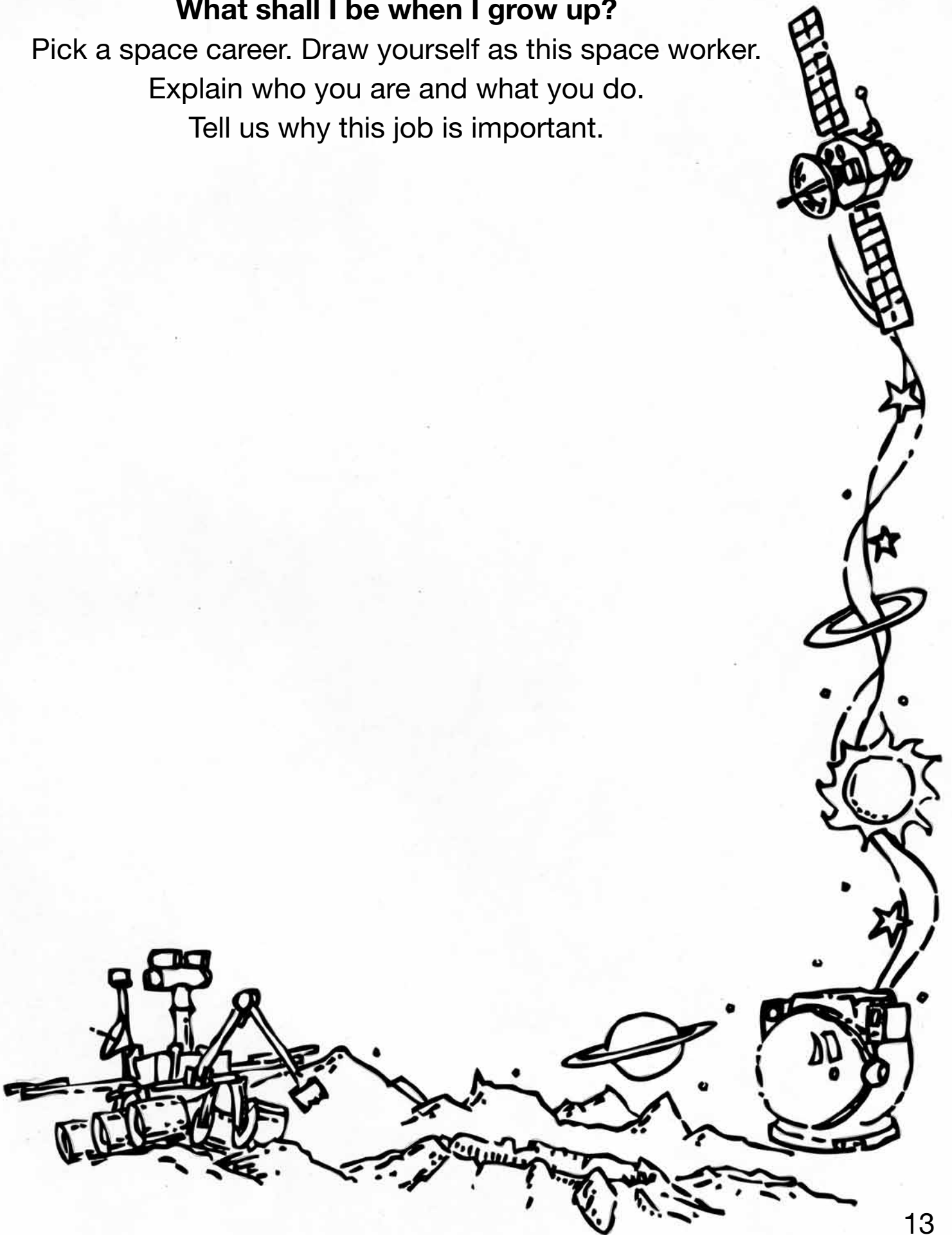


What shall I be when I grow up?

Pick a space career. Draw yourself as this space worker.

Explain who you are and what you do.

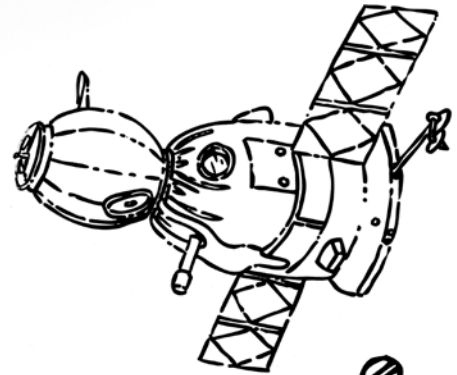
Tell us why this job is important.



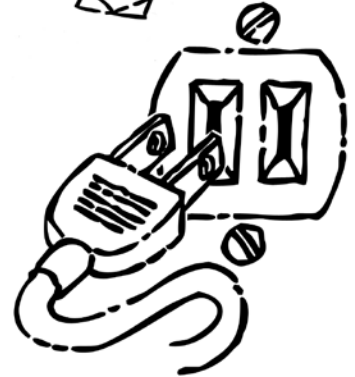
Who Am I?

Draw a line to match the name of the job in space to the job on Earth.

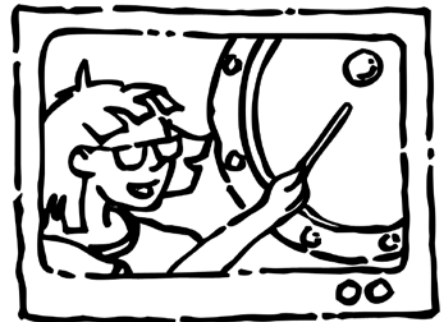
Teacher



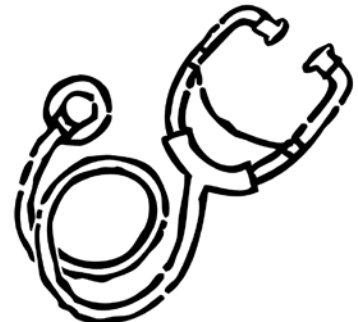
Pilot



Scientist



Engineer



Doctor



Messy or Clean Space Food?

Eating in space is fun because food and liquids float. Clean foods to eat in space stick to a spoon or fork. Messy foods to eat in space have crumbs—they float around and make a mess!

Circle the clean space foods below.



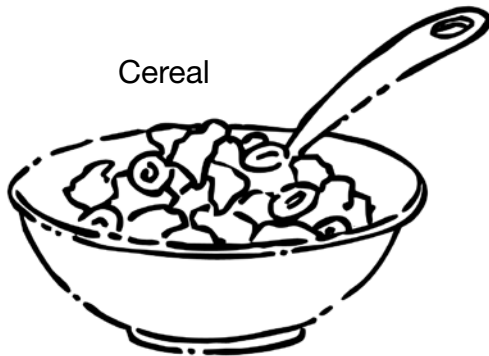
Crackers



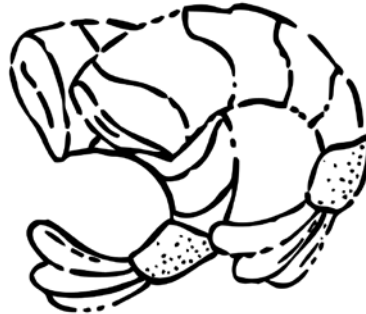
Tortillas



Cupcake



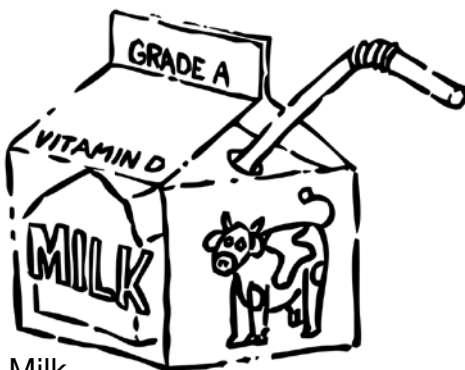
Cereal



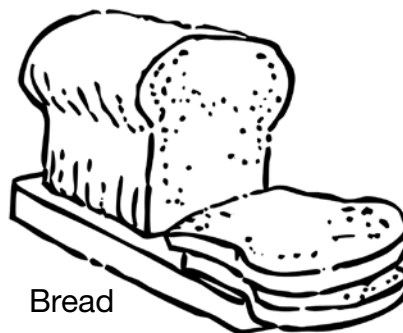
Shrimp



Pudding



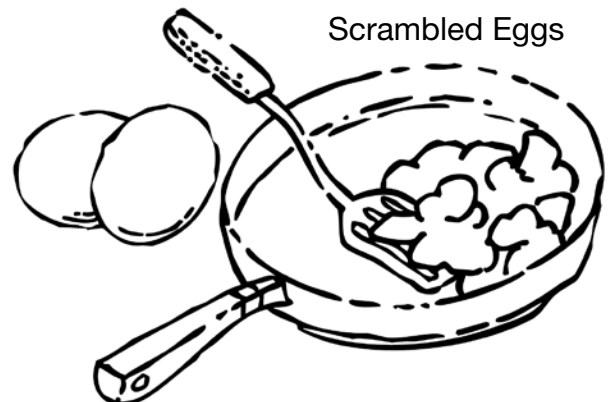
Milk



Bread



Broccoli



Scrambled Eggs

Vocabulary

Astronaut	– A person who lives and works in space.
Career	– A type of job.
Doctor	– A person who makes sick people well.
Engineer	– A person who builds things like bridges, buildings, and spacecraft.
Experiment	– An activity to study how something works.
Equipment	– Things used to build something.
Module	– A room in the Space Station, shaped like a can.
Node	– A small room that connects big rooms on the Space Station.
Pilot	– A person who flies an airplane or spacecraft.
Radiators	– Part of the Space Station used to keep it cool.
Scientist	– A person who studies plants and animals.
Solar Arrays	– Part of the Space Station that turns sunlight into power.
Teacher	– A person who teaches students.
Treadmill	– A machine to run on for exercise.

Answers to page 15:

Tortillas, shrimp, pudding and broccoli do not have crumbs or spill. These are “clean” foods.

This book belongs to:

Class:

Find out more about living and working in
space online:

<http://www.nasa.gov/audience/forkids/kidsclub/flash/index.html>